IfW

PTO/SB/21 (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

10

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number 10/783,672 Filing Date February 20, 2004 First Named Inventor Beverly M. EMERSON Art Unit Not Yet Assigned **Examiner Name** Not Yet Assigned Attorney Docket Number 532792000300

							
ENCLOSURES (Check all that apply)							
Fee Transmittal Form	Drawing(s)	After Allowance Communication to Group					
Fee Attached	Licensing-related Papers	Appeal Communication to Board of Appeals and Interferences					
Amendment/Reply	Petition	Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)					
After Final	Petition to Convert to a Provisional Application	Proprietary Information Status Letter X Other Enclosure(s) (please identify below): Form 1449, 3 pages in duplicate 45 References Return Postcard					
Affidavits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Address						
Extension of Time Request	Terminal Disclaimer						
Express Abandonment Request	Request for Refund						
X Information Disclosure Statement, 3 pages	CD, Number of CD(s)						
Certified Copy of Priority Document(s)							
Response to Missing Parts/	Remarks						
Incomplete Application	CUSTOMER NO.,25225						
Response to Missing Parts under 37 CFR 1.52 or 1.53							
dilder 37 GFR 1.32 GF1.33							
SIGNAT	URE OF APPLICANT, ATTORNEY, OF	RAGENT					
Firm MORRISON & FOERSTER LLP							
or Individual name							
1/1 // /							
Signature							
Date June 15, 2004							

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in
an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: June 15, 2004

Signature I hear a limed



CERTIFICATE OF MAILING BY "FIRST CLASS"

Effective certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450, on June 45, 2004.

Rhea Amid

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

Beverly M. EMERSON et al.

Serial No.:

10/783,672

Filing Date:

February 20, 2004

For:

METHODS OF MODULATING GENE

EXPRESSION

Examiner: Not Yet Assigned

Group Art Unit: Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97 & 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

Pursuant to 37 C.F.R. § 1.97 and § 1.98, Applicants submit for consideration in the above-identified application the documents listed on the attached Form PTO-1449. Pursuant to the USPTO notice dated July 11, 2003, waiving the requirement under 37 C.F.R. §1.98 (a)(2)(i) to provide copies of U.S. Patents and U.S. Published Applications, copies of those references are not submitted. Copies of foreign documents and non-patent literature are submitted herewith. The Examiner is requested to make these documents of record.

	This In	formation Disclosure Statement is submitted:
	With	the application; accordingly, no fee or separate requirements are required.
	Befor	e the mailing of a first Office Action after the filing of a Request for Continued
	Exam	ination under § 1.114.
\boxtimes	Withi	n three months of the application filing date or before mailing of a first Office
	Actio	n on the merits; accordingly, no fee or separate requirements are required.
	After	receipt of a first Office Action on the merits but before mailing of a final Office
	Actio	n or Notice of Allowance.
		A fee is required. A check in the amount of is enclosed.
		A fee is required. Accordingly, a Fee Transmittal form (PTO/SB/17) is attached
		to this submission in duplicate.
		A Certification under 37 C.F.R. § 1.97(e) is provided below; accordingly; no fee
		is believed to be due.
	After	mailing of a final Office Action or Notice of Allowance, but before payment of the
	issue	fee.
		A Certification under 37 C.F.R. § 1.97(e) is provided below and a check in the
		amount of is enclosed.
		A Certification under 37 C.F.R. § 1.97(e) is provided below and a Fee Transmittal
		form (PTO/SB/17 is attached to this submission in duplicate.)

Applicants would appreciate the Examiner initialing and returning the Form PTO-1449, indicating that the information has been considered and made of record herein.

The information contained in this Information Disclosure Statement under 37 C.F.R. § 1.97 and § 1.98 is not to be construed as a representation that: (i) a complete search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the above information constitutes prior art to the subject invention.

In the unlikely event that the transmittal form is separated from this document and the Patent Office determines that an extension and/or other relief (such as payment of a fee under 37 C.F.R. §1.17(p)) is required, Applicants petition for any required relief including extensions of time and authorize the Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to **Deposit Account No. 03-1952** referencing 532792000300. However, the Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Dated: June 15, 2004

Respectfully submitted,

By

Bruce D. Grant

Reg. No.\47,608

Morrison & Foerster LLP

3811 Valley Centre Drive, Suite 500

San Diego, California 92130-2332

Telephone: (858) 720-7962 Facsimile: (858) 720-5125

									eet 1 of 3
Form PTO-1449 INFORMATION DISCLOSURE CITATION E IN AN APPLICATION (Use several sheets if necessary)				Docket Number: 532792000300 Application Number: 1		mber: 10/783	,672		
			1	Applicant: Beverly M. EMERSON et al.					
				Filing Date: February 20, 2004 Group Art Unit: Not Yet Assigned			igned		
				Mailing Date June 15, 2004					
HIII '	'	<u>\$</u>							
20	- OEN						•		
PATEN	78 THA		II C DA'	TEXIT	DOGLIMENTS				
	- C	ъ.	r	TENI	DOCUMENTS		Γο	P.11	D . IC
Examiner Initials	Ref. No.	Date	Document No.	Name		Class	Subclass		Date If opriate
	1.	12/1985	4,559,157	Smith et al.		252	90		
	2.	08/1986	4,608,392	Jacq	uet et al.	514	844		
	3.	04/1989	4,820,508	Wor	tzman	424	59		
	4.	07/1990	4,938,949	Borc	h et al.	424	10		
	5.	02/1991	4,992,478	Geria	a	514	782		
Examiner Initials	Ref. No.	Date	FOREIGN Document No.	PATE	NT DOCUMEN Country	Class	Subclass	Trans YES	slation NO
	<u> </u>		ОТНЕ	ER DO	CUMENTS	(includ	ling author, title, Da	te, Pertinent	Pages, Etc.)
Examiner Initials	Ref. No.	Title							
	6.	Anderson, A	Anderson, A.C., et al., Curr. Opin. Genet. Dev. 11:554-560 (2001)						
	7.	Armstrong, et al., Cell 95:93-104 (1998)							
	8.	Artavanis-Tsakonas, S., et al., Science 284:770-776 (1999)							
	9.	Ashraf, et al., Curr Biol. 8:R683-6 (1998)							
	10.	Bieker JJ, et al., Ann N Y Acad Sci. 850: 64-9 (1998)							
	11.	Bulger, M., et al., Methods Mol. Genet. 5:241-262 (1994)							
	12.	Burns, L. G. et al., Mol. Cell. Biol., <u>17</u> , 4811 (1997)							
	13.	Cairns, B.R. et al., Cell, <u>87</u> , 1249 (1996)							
	14.	Cantor, A. B., et al., Oncogene 21:3368-3376 (2002)							
	15.	Chandrasegaran S, et al., Biol Chem. 380: 841-8 (1999)							
	16.	Chi, T. H., et al., Nature 418:195-199 (2002)							
	17.	Cosma, M. P., Mol. Cell 10:227-236 (2002)							

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449		Docket Number: 532792000300	Application Number: 10/783,672	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		Applicant: Beverly M. EMERSON et al.		
<u> </u>		Filing Date: February 20, 2004	Group Art Unit: Not Yet Assigned	
		Mailing Date June /5, 2004		
18.	Dahiya, A., et al., Mol. Cell 8:557-	568 (2001)		
19.	Davie, J. R., Curr. Opin. Nucleic G	enet. Dev., 8, 173 (1998)		
20.	de la Serna, et al., Nat. Genet. 27:13	87-190 (2001)		
21.	Forrester, W.C. et al., Genes Dev.,	4, 1637 (1990)		
22.	Fryer, C. J., et al., Genes Dev. 16:1	397-1411 (2002)		
23.	Georgel, P.T. et al., EMBO. J., <u>16</u> ,	4717 (1997)		
24.	Harbour, J.W., et al., Curr. Opin. C	ell Biol. 12:685-689 (2000)		
25.	Kadam, et al., Genes Dev. 14: 244	1-51 (2000)		
26.	Klug A., J Mol Biol. 293: 215-8 (19	999)		
27.	Kowenz-Leutz, E., et al., Mol. Cell	4:735-743 (1999)		
28.	Liu, et al., Cell 106, 309-318 (2001)		
29.	Liu, H., et al., Mol. Cell. Biol. 22:6471-6479 (2002)			
30.	Martinez-Balbas, M.A. et al., Proc. Natl. Acad. Sci. USA, 95, 132 (1998)			
31.	Mizuguchi, G. et al., Mol. Cell. <u>1</u> , 141 (1997)			
32.	Nofziger, et al., Develop. 126: 1689 (1999)			
33.	Ohishi, K. et al., Int. J. Hematol. 75: 449-59 (2002)			
34.	Ohishi, K., et al., Blood 98: 1402-07 (2001)			
35.	Orphanides, G. et al., Cell, <u>92</u> , 105 (1998)			
36.	<u> </u>			
37.	Pazin, M.J. et al., Science, 266, 200	<u> </u>		
38.	Paranjape, S.M. et al., Annu. Rev. l	· —- , , , , , ,		
39.				
40.	Pedersen, T.A., et al., Genes Dev. 15:3208-3216 (2001)			
41.	Phelan, M. L., et al., Mol. Cell 3:247-253 (1999)			
42.	Reyes, J.C., et al., EMBO J. 17: 6979-91 (1998)			
43.	Sheridan, P. L., et al., Genes Dev. 9:2090-2104 (1995)			
44.	Soutoglou, E., et al., Science 295:1901-1904 (2002)			
45.	Takatsuji H., Plant Mol Biol. 39: 1073-8 (1999)			
46. Thiel G, et al., Naturwissenschafte. 86				
47. Varnum-Finney, B., et al., Blood 101				
48.	Varnum-Finney, B., et al., Nature N			
EXAMINER:		DATE CONSIDERED:		
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.				

Form PTO-1449			Docket Number: 532792000300	Application Number: 10/783,672	
INFORMATION DISCLOSURE CITATION			Applicant:		
IN AN APPLICATION			Beverly M. EMERSON et al.		
(Use several sheets if necessary) .			Filing Date: February 20, 2004	Group Art Unit: Not Yet Assigned	
			Mailing Date June 15, 2004		
		,			
	49.	Yie, J., et al., Proc. Natl. Acad. Sc			
	50.	Yoshinaga, S. K., et al., Science 2	58:1598-1604 (1992)		
		·		,	
			•		
		•			
EXAMIN	VER:		DATE CONSIDERED:		
EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.					